

CHPS-5.3.2 Installation Guide

This document will guide you through the CHPS installation. CHPS represents a number of components and individual applications that have been tied together and combined into a functional unit. The individual applications which are being delivered at this time within CHPS are listed below. ***Please open a Redmine ticket so FSIT can keep track of the installations.***

Individual Application Packages:

- CHPS-5.3.2_Installation_Guide.pdf
- 201502_patch.jar
- ReleaseNotes_Patch_NWS-201502-63713.pdf

Before installation of this build an RFC should have already installed **CHPS-5.3.1** and updated to **FEWS 2015.02**. Please contact FSIT for installation support.

CHPS documentation can also be found online here:

<http://www.nws.noaa.gov/oh/hrl/general/indexdoc.htm>

New features

New feature for this release is listed in the table below. To configure the new enhancements, please see the FEWS configuration update document.

FB	Redmine	Description
FB 2043	25082	Program error, blob loaded twice
FB 2045	25084	TimeSeriesDialog.loadTimeSeriesRunnable - Blob is deleted

Installation steps:

1. Log into any lx workstation as user *fews*. Navigate to the install location and create a new directory called Sep2016 (using the month and year of the release).

```
$ cd /awips/chps_share/install/  
$ mkdir Sep2016
```

2. Copy the CHPS 5.3.2 tar release package to the new directory created above.

```
$ cp /data/fxa/INSTALL/CHPS-5.3.2.tar.gz Sep2016/.
```

3. Extract CHPS-5.3.2.tar.gz. You will see the four installation packages and a documentation directory.

```
$ cd Sep2016  
$ tar -xzf CHPS-5.3.2.tar.gz
```

Version: CHPS-5.3.2

Release Date: 03 November 2016

4. Update of the Stand Alone application for testing purposes

4.1. At an LX workstation as user *fews*.

```
fews@lx]$ cd /awips/chps_share/sa/fews
```

4.2. If not available in the *fews* directory, copy a functional *??rfc_sa* application into this directory.

```
fews@lx]$ cp -dR /path/to/??rfc_sa .
```

4.3. Remove the old patch.jar and copy the new patch.jar into place.

```
fews@lx]$ cd ??rfc_sa  
fews@lx]$ rm *patch.jar  
fews@lx]$ cp -dR /awips/chps_share/install/Sep2016/CHPS-5.3.2/201502_patch.jar .
```

5. Update the Forecasting Shell Server

5.1. Log on to *chps3* as user *fews*.

5.2. Remove the old patch file.

```
fews@chps3]$ cd /awips/chps_local/fss/??rfc/FSS00/FewsShell/??rfc  
fews@chps3]$ rm *patch.jar
```

5.3. Copy the new patch.jar into place.

```
fews@chps3]$ cp /awips/chps_share/install/Sep2016/CHPS-5.3.2/201502_patch.jar .
```

5.4. Repeat steps 5.2 and 5.3 for each FSS instances (FSS01 etc.)

6. Update the Operator Client

6.1. At an LX workstation as user *fews*.

```
fews@lx]$ cd /awips/chps_share/oc/
```

6.2. Change directory to user directory for the testing user. We are using user *fews* as an example.

```
fews@lx]$ cd fews
```

6.3. Remove the old patch.jar and copy the new patch.jar into place.

```
fews@lx]$ cd ??rfc_oc  
fews@lx]$ rm *patch.jar  
fews@lx]$ cp -dR /awips/chps_share/install/Sep2016/CHPS-5.3.2/201502_patch.jar .
```

6.4. Repeat steps 6.2 and 6.3 for each user